



1

SEQUENCE LISTING

<110> SHUBERT, CARSTEN
GRASBERGER, BRUCE
MAGUIRE, DIANE
DECKMAN, INGRID
SPURLINO, JOHN

<120> HDM2-INHIBITOR COMPLEXES AND USES THEREOF

<130> PRD-2137-USANP

<140> 10/685,838

<141> 2003-10-15

<150> 60/418,350

<151> 2002-10-16

<160> 12

<170> PatentIn Ver. 3.2

<210> 1

<211> 491

<212> PRT

<213> Homo sapiens

<400> 1

Met	Cys	Asn	Thr	Asn	Met	Ser	Val	Pro	Thr	Asp	Gly	Ala	Val	Thr	Thr
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Ser	Gln	Ile	Pro	Ala	Ser	Glu	Gln	Glu	Thr	Leu	Val	Arg	Pro	Lys	Pro
		20						25						30	

Leu	Leu	Leu	Lys	Leu	Leu	Lys	Ser	Val	Gly	Ala	Gln	Lys	Asp	Thr	Tyr
		35					40						45		

Thr	Met	Lys	Glu	Val	Leu	Phe	Tyr	Leu	Gly	Gln	Tyr	Ile	Met	Thr	Lys
	50					55					60				

Arg	Leu	Tyr	Asp	Glu	Lys	Gln	Gln	His	Ile	Val	Tyr	Cys	Ser	Asn	Asp
	65				70					75					80

Leu	Leu	Gly	Asp	Leu	Phe	Gly	Val	Pro	Ser	Phe	Ser	Val	Lys	Glu	His
				85					90					95	

Arg	Lys	Ile	Tyr	Thr	Met	Ile	Tyr	Arg	Asn	Leu	Val	Val	Val	Asn	Gln
			100					105						110	

Gln	Glu	Ser	Ser	Asp	Ser	Gly	Thr	Ser	Val	Ser	Glu	Asn	Arg	Cys	His
		115					120					125			

Leu	Glu	Gly	Gly	Ser	Asp	Gln	Lys	Asp	Leu	Val	Gln	Glu	Leu	Gln	Glu
	130					135						140			

Glu Lys Pro Ser Ser Ser His Leu Val Ser Arg Pro Ser Thr Ser Ser
 145 150 155 160
 Arg Arg Arg Ala Ile Ser Glu Thr Glu Glu Asn Ser Asp Glu Leu Ser
 165 170 175
 Gly Glu Arg Gln Arg Lys Arg His Lys Ser Asp Ser Ile Ser Leu Ser
 180 185 190
 Phe Asp Glu Ser Leu Ala Leu Cys Val Ile Arg Glu Ile Cys Cys Glu
 195 200 205
 Arg Ser Ser Ser Ser Glu Ser Thr Gly Thr Pro Ser Asn Pro Asp Leu
 210 215 220
 Asp Ala Gly Val Ser Glu His Ser Gly Asp Trp Leu Asp Gln Asp Ser
 225 230 235 240
 Val Ser Asp Gln Phe Ser Val Glu Phe Glu Val Glu Ser Leu Asp Ser
 245 250 255
 Glu Asp Tyr Ser Leu Ser Glu Glu Gly Gln Glu Leu Ser Asp Glu Asp
 260 265 270
 Asp Glu Val Tyr Gln Val Thr Val Tyr Gln Ala Gly Glu Ser Asp Thr
 275 280 285
 Asp Ser Phe Glu Glu Asp Pro Glu Ile Ser Leu Ala Asp Tyr Trp Lys
 290 295 300
 Cys Thr Ser Cys Asn Glu Met Asn Pro Pro Leu Pro Ser His Cys Asn
 305 310 315 320
 Arg Cys Trp Ala Leu Arg Glu Asn Trp Leu Pro Glu Asp Lys Gly Lys
 325 330 335
 Asp Lys Gly Glu Ile Ser Glu Lys Ala Lys Leu Glu Asn Ser Thr Gln
 340 345 350
 Ala Glu Glu Gly Phe Asp Val Pro Asp Cys Lys Lys Thr Ile Val Asn
 355 360 365
 Asp Ser Arg Glu Ser Cys Val Glu Glu Asn Asp Asp Lys Ile Thr Gln
 370 375 380
 Ala Ser Gln Ser Gln Glu Ser Glu Asp Tyr Ser Gln Pro Ser Thr Ser
 385 390 395 400
 Ser Ser Ile Ile Tyr Ser Ser Gln Glu Asp Val Lys Glu Phe Glu Arg
 405 410 415
 Glu Glu Thr Gln Asp Lys Glu Glu Ser Val Glu Ser Ser Leu Pro Leu
 420 425 430

Asn Ala Ile Glu Pro Cys Val Ile Cys Gln Gly Arg Pro Lys Asn Gly
 435 440 445

Cys Ile Val His Gly Lys Thr Gly His Leu Met Ala Cys Phe Thr Cys
 450 455 460

Ala Lys Lys Leu Lys Lys Arg Asn Lys Pro Cys Pro Val Cys Arg Gln
 465 470 475 480

Pro Ile Gln Met Ile Val Leu Thr Tyr Phe Pro
 485 490

<210> 2

<211> 95

<212> PRT

<213> Homo sapiens

<400> 2

Ser Gln Ile Pro Ala Ser Glu Gln Glu Thr Leu Val Arg Pro Lys Pro
 1 5 10 15

Leu Leu Leu Lys Leu Leu Lys Ser Val Gly Ala Gln Lys Asp Thr Tyr
 20 25 30

Thr Met Lys Glu Val Leu Phe Tyr Leu Gly Gln Tyr Ile Met Thr Lys
 35 40 45

Arg Leu Tyr Asp Glu Lys Gln Gln His Ile Val Tyr Cys Ser Asn Asp
 50 55 60

Leu Leu Gly Asp Leu Phe Gly Val Pro Ser Phe Ser Val Lys Glu His
 65 70 75 80

Arg Lys Ile Tyr Thr Met Ile Tyr Arg Asn Leu Val Val Val Asn
 85 90 95

<210> 3

<211> 92

<212> PRT

<213> Homo sapiens

<400> 3

Glu Gln Glu Thr Leu Val Arg Pro Lys Pro Leu Leu Leu Lys Leu Leu
 1 5 10 15

Lys Ser Val Gly Ala Gln Lys Asp Thr Tyr Thr Met Lys Glu Val Leu
 20 25 30

Phe Tyr Leu Gly Gln Tyr Ile Met Thr Lys Arg Leu Tyr Asp Glu Lys
 35 40 45

4

Gln Gln His Ile Val Tyr Cys Ser Asn Asp Leu Leu Gly Asp Leu Phe
50 55 60

Gly Val Pro Ser Phe Ser Val Lys Glu His Arg Lys Ile Tyr Thr Met
65 70 75 80

Ile Tyr Arg Asn Leu Val Val Val Asn Gln Gln Glu
85 90

<210> 4
<211> 95
<212> PRT
<213> Homo sapiens

<400> 4
Ser Gln Ile Pro Ala Ser Glu Gln Glu Thr Leu Val Arg Pro Lys Gly
1 5 10 15

Leu Leu Leu Lys Leu Leu Lys Ser Val Gly Ala Gln Lys Asp Thr Tyr
20 25 30

Thr Met Lys Glu Val Leu Phe Tyr Leu Gly Gln Tyr Ile Met Thr Lys
35 40 45

Arg Leu Tyr Asp Glu Lys Gln Gln His Ile Val Tyr Cys Ser Asn Asp
50 55 60

Leu Leu Gly Asp Leu Phe Gly Val Pro Ser Phe Ser Val Lys Glu His
65 70 75 80

Arg Lys Ile Tyr Thr Met Ile Tyr Arg Asn Leu Val Val Val Asn
85 90 95

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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

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ctctctcggg tcccagattc cagcttcgga acaagag

37

<210> 6
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<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic primer

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<210> 7

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic primer

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cgacgattgg atccgaacaa agaccctg

28

<210> 8

<211> 36

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic primer

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ggctactact ccgagtcatt cctgctgatt gactac

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<210> 9

<211> 37

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic primer

<400> 9

ctctctcgga tcccagattc agcttccgga acaagag

37

<210> 10

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic primer

<400> 10

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36

<210> 11

<211> 12

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 11

Met Pro Arg Phe Met Asp Tyr Trp Glu Gly Leu Asn
1 5 10

<210> 12

<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 12

Arg Phe Met Asp Tyr Trp Glu Gly Leu
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